

Dr. Duke's Phytochemical and Ethnobotanical Databases

List of Plants for BEHENIC-ACID

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Moringa oleifera</i>	Seed	17200.0	43000.0	3.348182643310443	--
<i>Justicia adhatoda</i>	Seed		29000.0	2.0372812378333767	--
<i>Trigonella foenum-graecum</i>	Seed Oil		26400.0	1.510973047897823	--
<i>Theobroma angustifolium</i>	Seed	6835.0	17995.0	1.0068190973137254	--
<i>Arachis hypogaea</i>	Seed	15246.0	16332.0	0.8511027375059854	--
<i>Vernonia cinerea</i>	Seed	1520.0	15200.0	0.7451069952916969	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Lawsonia inermis</i>	Seed Oil		16900.0	0.4016806247889112	--
<i>Carica papaya</i>	Seed Oil		16000.0	0.29658976365227746	Jim Duke's personal files.
<i>Eruca sativa</i>	Seed	4725.0	7370.0	0.011938566371308999	--
<i>Macadamia spp</i>	Seed	2140.0	5425.0	-0.17018309317532632	CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Lepidium sativum</i>	Seed	2750.0	4410.0	-0.26522344507241363	--
<i>Dodonaea viscosa</i>	Seed	1650.0	4125.0	-0.2919096522553396	--
<i>Corchorus olitorius</i>	Seed	2030.0	2665.0	-0.4286179416836623	--
<i>Vigna mungo</i>	Seed	837.0	2325.0	-0.4604541186738196	--
<i>Mucuna pruriens</i>	Seed	140.0	2265.0	-0.4660722675544356	--
<i>Portulaca oleracea</i>	Seed		2262.0	-0.4663531749984664	--
<i>Lawsonia inermis</i>	Seed	945.0	2065.0	-0.48479943048982227	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Plantago ovata</i>	Seed		1300.0	-0.5564308287176762	--
<i>Abrus precatorius</i>	Seed		1150.0	-0.5704762009192162	Wealth of India.
<i>Strychnos nux-vomica</i>	Seed	680.0	850.0	-0.5985669453222963	--
<i>Senna obtusifolia</i>	Seed		475.0	-0.6336803758261462	--
<i>Vigna unguiculata</i>	Seed		380.0	-0.6425757782204549	--
<i>Vigna unguiculata</i>	Seed		380.0	-0.6425757782204549	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Vigna radiata</i>	Seed	312.0	360.0	-0.6444484945139936	ANON. 1948-1976. The Wealth of India raw materials. Publications and Information Directorate, CSIR, New Delhi. 11 volumes.
<i>Robinia pseudoacacia</i>	Seed		1.0	-0.6780637519830126	--
<i>Sesamum indicum</i>	Seed Oil		5000.0	-0.9878540946843569	--
<i>Verbascum thapsus</i>	Seed Oil		3000.0	-1.2213893416546542	--
<i>Silybum marianum</i>	Seed Oil				--
<i>Tamarindus indica</i>	Seed				--
<i>Cycas revoluta</i>	Plant				--
<i>Ptychopetalum olacoides</i>	Plant				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Piper nigrum</i>	Fruit				=ICMR(Indian Council of Medical Research).1976.Medicinal Plants of India.Vol.1.Indian Council of Med. Res.Cambridge Printing Works, New Delhi.487 pp;ICMR.1987.Medicinal Plants of India.Vol.2.Indian Council of Med. Res.Cambr. Printing Works,New Delhi.600pp
<i>Sambucus nigra</i>	Plant				--
<i>Clematis vitalba</i>	Plant				--
<i>Tamarindus indica</i>	Seed Oil				--
<i>Nardostachys jatamansi</i>	Plant				--
<i>Helianthus annuus</i>	Seed				Rizk, A.F.M. and Al-Nowaihi, A.S., The Phytochemistry of the Horticultural Plants of Qatar, Scientific and Applied Research Centre, University of Qatar.
<i>Centaurea calcitrapa</i>	Plant				--
<i>Bidens pilosa</i>	Leaf				Jim Duke's personal files.
<i>Citrus reticulata</i>	Seed Oil				--
<i>Ginkgo biloba</i>	Pollen Or Spore				Jim Duke's personal files.
<i>Ganoderma lucidum</i>	Fruit				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Terminalia chebula</i>	Seed Oil				Miglani, B. D., Chawla, A. S. 1974. Chemical Investigation of the Oil of <i>Terminalia chebula</i> . J. Inst. Chem. (Calcutta) 46: 189-.
<i>Trigonella foenum-graecum</i>	Plant				--
<i>Verbascum thapsus</i>	Flower				--
<i>Angelica archangelica</i>	Plant				Pakistan Encyclopedia Planta Medica. 1986.
<i>Salvia sclarea</i>	Plant				CRC Handbook of Medicinal Herbs and/or CRC Handbook of Proximate Analyses
<i>Ganoderma lucidum</i>	Plant				Leung, A. Y. and Foster, S. 1995. Encyclopedia of Common Natural Ingredients 2nd Ed. John Wiley & Sons, New York. 649 pp.
<i>Silybum marianum</i>	Plant				J.S. Glasby Dict.Pls Containing 2ndary Metabolite. 1991.
<i>Physostigma venenosum</i>	Seed				--
<i>Populus balsamifera</i>	Bark				--
<i>Lawsonia inermis</i>	Oil		17000.0		Duke, J. A. and duCellier, J. L. 1993. CRC Handbook of Alternative Cash Crops. CRC Press. Boca Raton, FL 33431. 536 pp. US \$312.50.
<i>Ligustrum vulgare</i>	Bark				--
<i>Azadirachta indica</i>	Fruit		2385.0		--
<i>Theobroma cacao</i>	Plant				Hansel, R., Keller, K., Rimpler, H., and Schneider, G. eds. 1992. Hager's Handbuch der Pharmazeutischen Praxis, Drogen (A-D), 1209 pp., 1993 (E-O), 970 pp., 1994 (P-Z), 1196 pp. Springer-Verlag, Berlin.
<i>Helianthus annuus</i>	Fruit				--
<i>Papaver somniferum</i>	Latex Exudate				--
<i>Chrysanthemum x morifolium</i>	Flower				Wealth of India.
<i>Carthamus tinctorius</i>	Seed				--
<i>Cistus ladaniferus</i>	Resin, Exudate, Sap				--
<i>Fagopyrum esculentum</i>	Pollen Or Spore				--

Plant	Part	Low PPM	High PPM	StdDev	Reference
<i>Carica papaya</i>	Seed				List, P.H. and Horhammer, L., Hager's Handbuch der Pharmazeutischen Praxis, Vols. 2-6, Springer-Verlag, Berlin, 1969-1979.
<i>Solanum tuberosum</i>	Leaf				--
<i>Trifolium pratense</i>	Pollen Or Spore				--
<i>Panax ginseng</i>	Root				--
<i>Cucumis melo</i>	Leaf				--
<i>Phoenix dactylifera</i>	Seed				Abstract (See species file)
<i>Capsicum annuum</i>	Fruit				Chemical Constituents of Oriental Herbs (3 diff. books)
<i>Cannabis sativa</i>	Plant				Turner, C. E., El Sohly, M. A., Boeren, E. G. 1980. Constituents of Cannabis sativa L. XVII. A Review of the Natural Constituents. J Natural Products, 43: 169-234.
<i>Oryza sativa</i>	Seed				--
<i>Ammi visnaga</i>	Plant				--
<i>Petasites hybridus</i>	Root				--
<i>Sinapis alba</i>	Seed				--
<i>Nardostachys chinensis</i>	Root				--
<i>Capsicum frutescens</i>	Fruit				--